

PAT-NO: JP411338834A

DOCUMENT-IDENTIFIER: JP 411338834 A

TITLE: SYNCHRONOUS PARALLEL PROCESSING SYSTEM AND
SYNCHRONOUS
PARALLEL PROCESSING METHOD

PUBN-DATE: December 10, 1999

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APPL-NO: JP10144097

APPL-DATE: May 26, 1998

INT-CL (IPC): G06F015/16

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a synchronous parallel processing system with which data processing including a plurality of related processing units can be parallelly executed by plural computers.

SOLUTION: A computer (a) to become the reception window of a data processing request first prepares information required for respectively independently executing the plurality of processing units (1) to (4) included in the requested data processing and distributes the processing units to respective computers (c)-(f) while adding that prepared information. Then the computer (a) diagnoses whether the normal end of all the distributed processing units is reported or not and when the normal end of all the units is reported, the decision of data updating related to that data processing is instructed to a data base system to be operated at the computer (b). When the abnormal end of any unit is reported, the discard of data updating related to that data processing is instructed to the data base system to be operated at the computer (b).

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